

**Wilgex<sup>®</sup>**

Professional LED Light Manufacturer  
Since 2008

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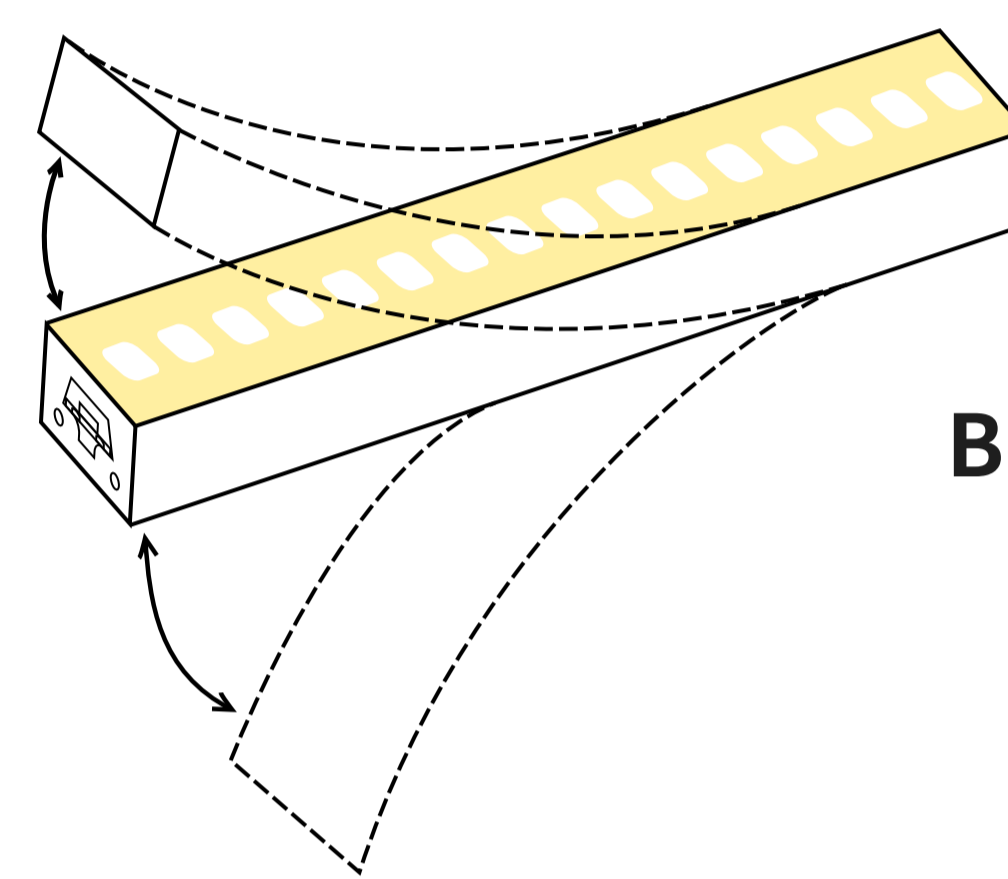
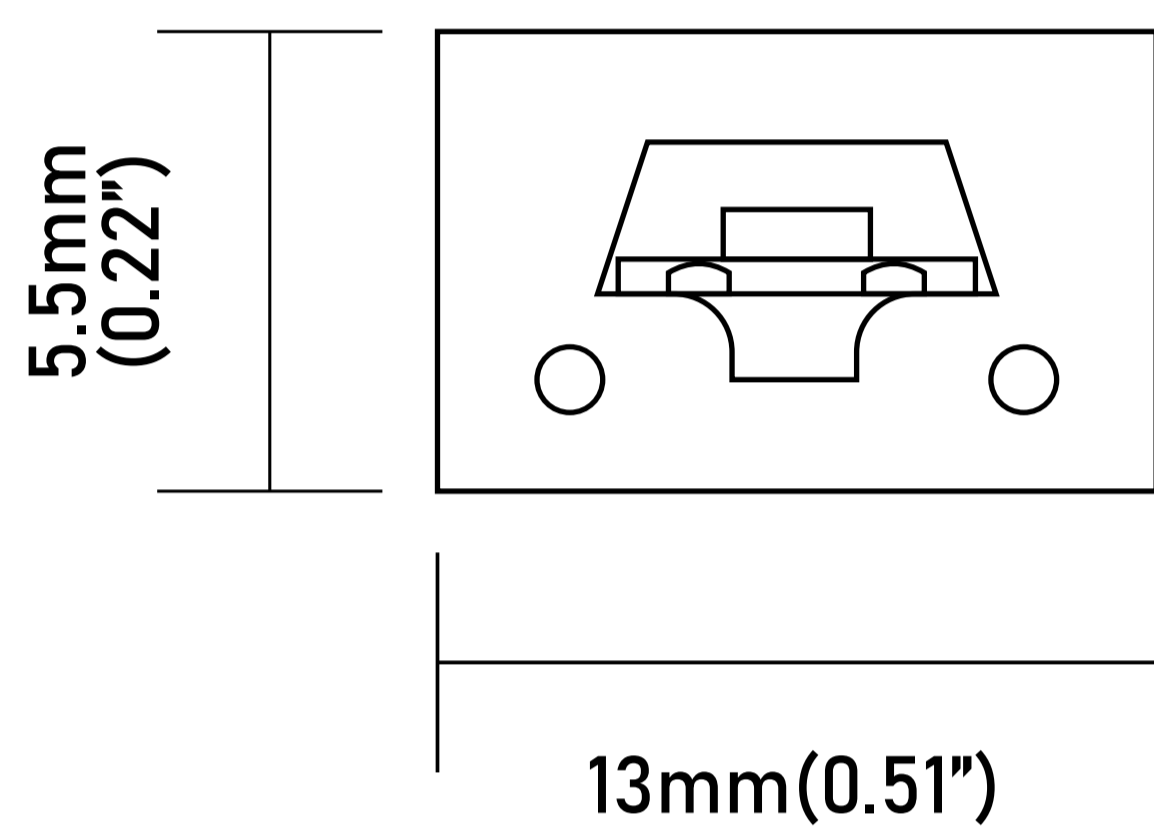
**9x7mm**  
**FLAT**

**MONO COLOR**  
**24V/110V/220V**

**SKU:WJ-PLS-0907-MONO-24V/110V/220V**



**Structural Drawing & Bending Direction**



**Bending Direction: vertical**

**Certifications**

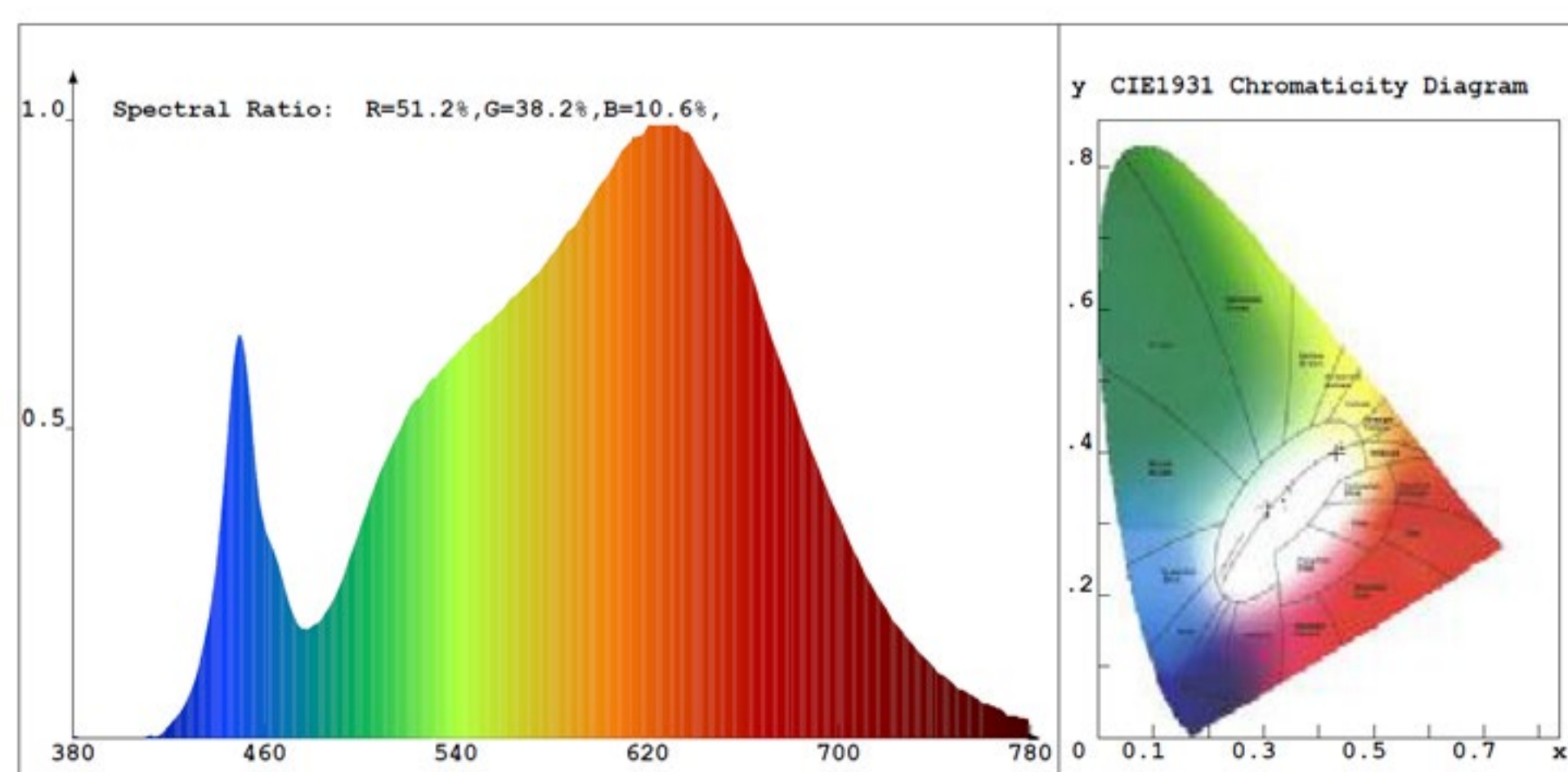


**Technical Data**

Color temperature : 2200K ● ● ● ● ● 10000K

COLOR	CCT/WAVE	LED QUANTITY	UNIT CUT (24V)	UNIT CUT (110V/220V)	WATTS/M (24V)	LUMEN/M (24V)
Warm White	3034K/584.2nm	96 LEDs/m	12.5cm	50cm/100cm	8.82 W	799.78 lm
Cool White	13464K/471.8nm	96 LEDs/m	12.5cm	50cm/100cm	8.85 W	745.72 lm
Red	1007K/622.8nm	72 LEDs/m	8.33cm	50cm/100cm	7.99 W	312.15 lm
Green	8263K/524.0nm	72 LEDs/m	8.33cm	50cm/100cm	8.22 W	691.21 lm
Blue	463.4nm	72 LEDs/m	8.33cm	50cm/100cm	9.29 W	107.38 lm
Yellow	1943K/588.1nm	72 LEDs/m	8.33cm	50cm/100cm	8.83 W	880.77 lm
Orange	1105K/604.4nm	72 LEDs/m	8.33cm	50cm/100cm	8.85 W	542.06 lm
Light Pink	1573K/700.0nm	72 LEDs/m	8.33cm	50cm/100cm	8.83 W	683.74 lm
Pink (Violet)	568nm	72 LEDs/m	8.33cm	50cm/100cm	8.32 W	61.86 lm
Purple	448.9nm	72 LEDs/m	8.33cm	50cm/100cm	8.29 W	206.55 lm

**Optical Parameter Chart for Integrating Sphere Testing**

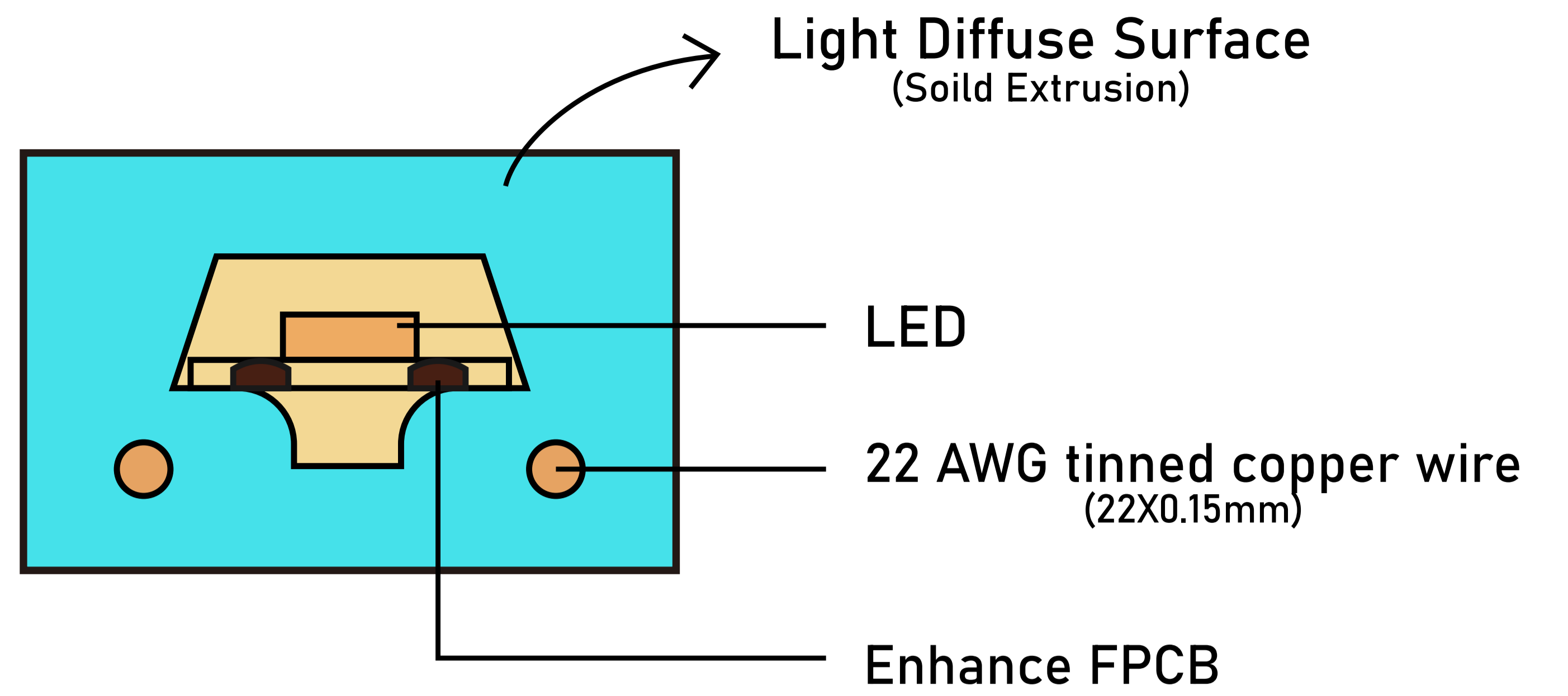
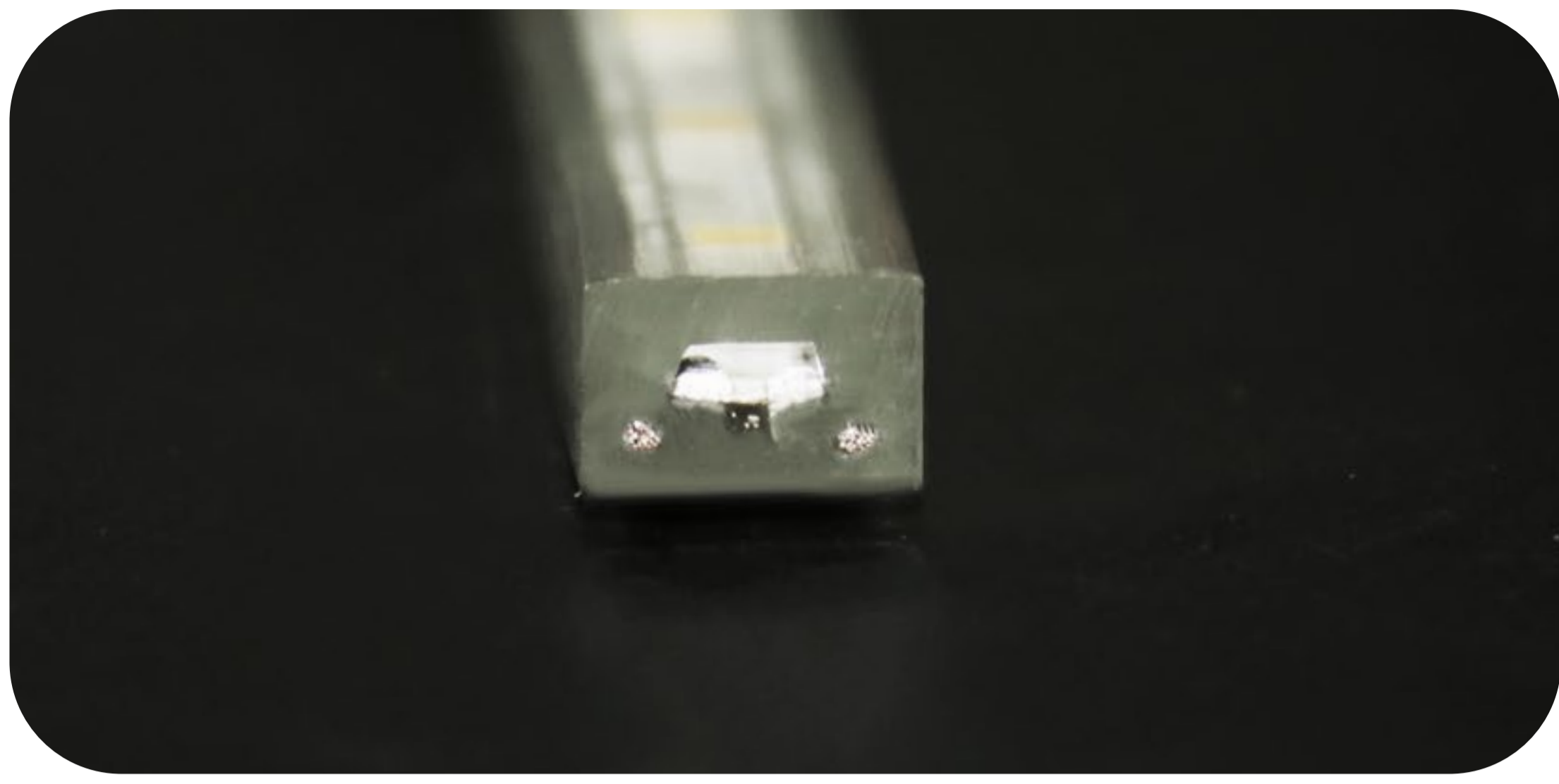


**Reliability test**

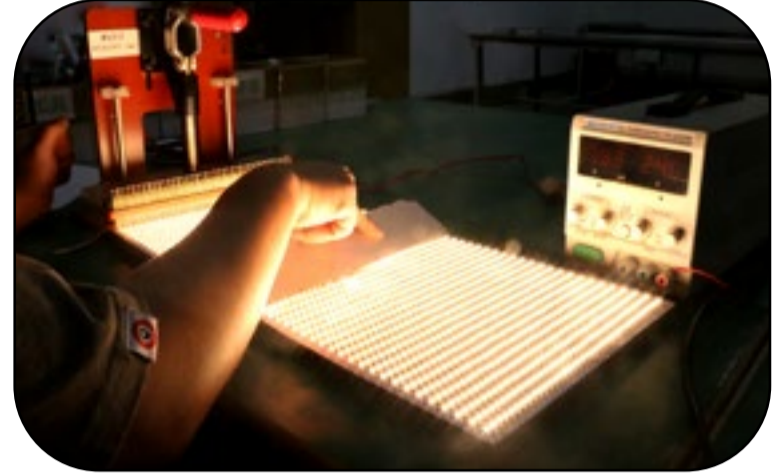
TEST CATEGORY	TEST ITEMS	STANDARD/VALUE
Optical Test	Spectrum Analysis	IES LM 79(CCT, lumen, CRI, SDCM, XY, wavelength)
	Photometric Distribution	IES LM 79(lumen intensity distribution & Lux diagram)
Temperature Test	Lumen Maintenance & Lifetime	IES LM84 & IES TM 28
	Nomal Temperature Test -25°C	UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21
	Abnormal Operation Test -70°C	UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21
Physics Test	Bending Test	Manufacturer-defined, 1000 cycles
	Swing Test	UL2388, >750 cycles
	Tensile Test	Manufacturer-defined, >the weight of light in max. running length by double ends feed
	Twist Test	Manufacturer-defined, 200 cycles
	IK08	IEC62262
	Ball Impact	UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21
Weathering Test	Swimming Pool Water Immersion Test	GB9667, PH6.8-7.6, free chlorine 0.3-0.6mg/L
	Sea Water Immersion Test	IEC 60598-1, Salinity 4%
	Salt Spray Test	IEC68-2-11
	Outdoor Exposure	Manufacturer-defined
Environment Test	Flame Resistant Test	UL94
	UV Exposure Test	ASTMG154, UVA@340nm
	IPX5 IPX6 IPX7 IPX8	IEC60529
	Temperature Shock Test	Manufacturer-defined, -40°C-60°C(typical temperature range)
	Constant Temperature Test	Manufacturer-defined, 70°C(typical temperature range)

Wilgex specializes in engineering LED flexible neon lights and offers both standard and customized services. If you have specific requirements, please contact our sales department.

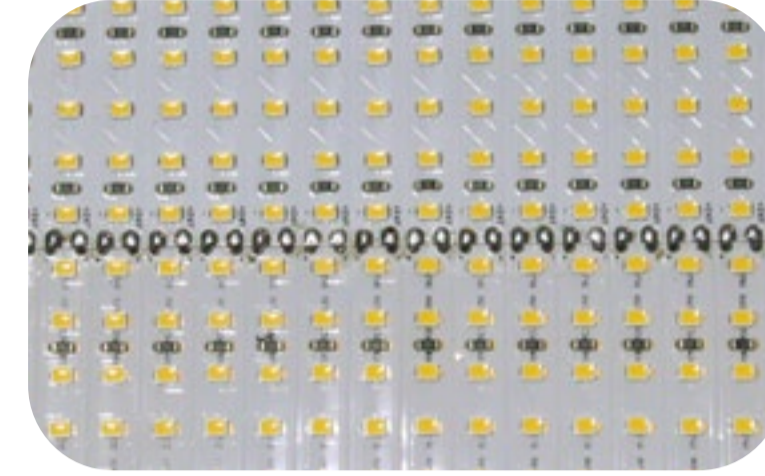
**Three-star quality assurance**



**Unique Design**



★ Enhance thickness FPC design principle



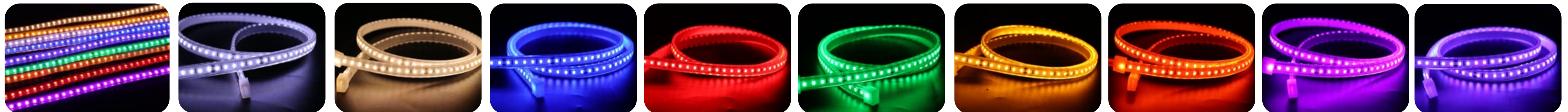
★ LED anti-death design



★ Solid extrusion design for exterior



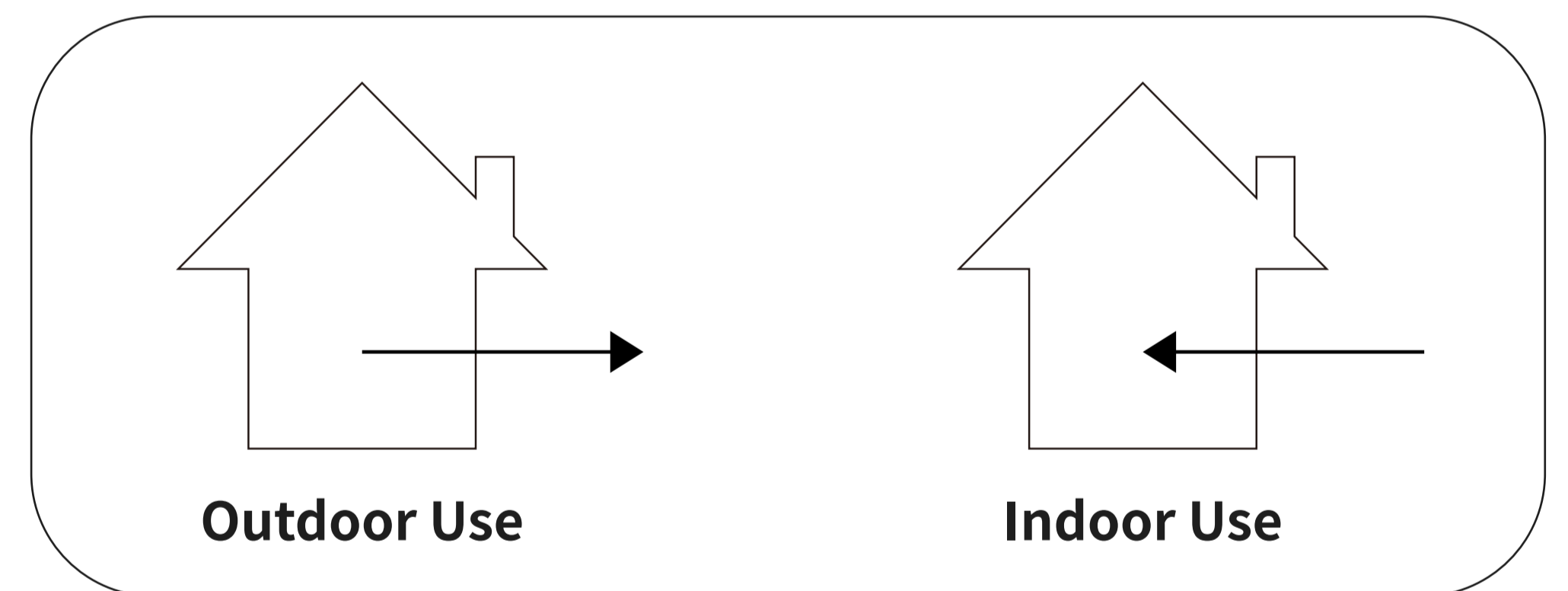
**Wide Color Options**



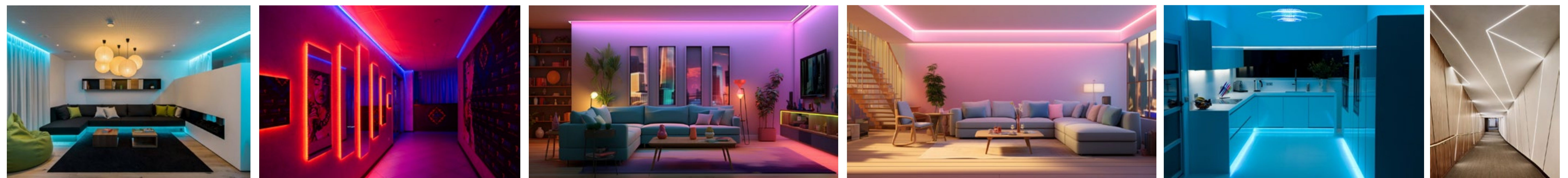
All color   Cool White   Warm White   Blue   Red   Green   Yellow   Orange   Pink (Violet)   Purple

**Recommended Usage Scenarios :**

1. Indoor and outdoor architectural lighting decoration
2. Landscape lighting
3. Advertising signage lighting
4. Stage and theater lighting
5. Car and motorcycle lighting
6. Holiday and event lighting decoration
7. Cove lighting
8. Edge-lit lighting
9. Retail and display lighting
10. Restaurant and bar lighting



Please note that these are only recommended usage scenarios and it is important to consult the product specifications and guidelines before using flexible LED neon light strips in any application.



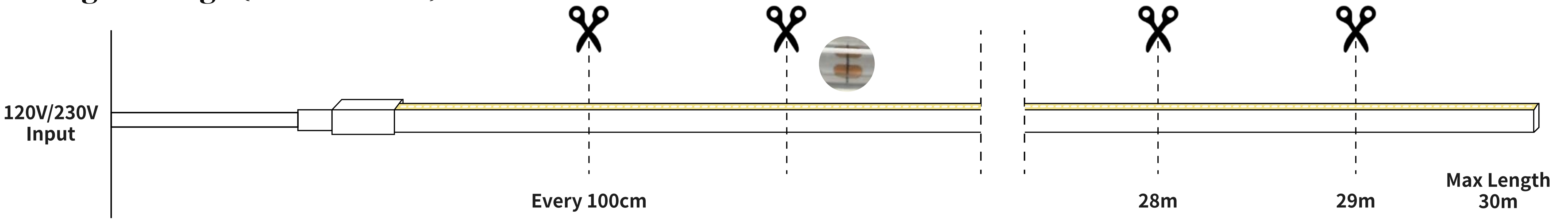
**Package**



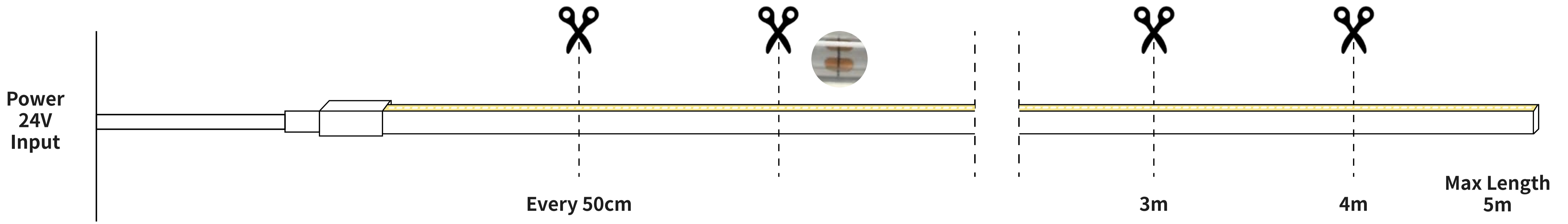
Packing Method : Blister + White box  
 Quantity / Box : 50 meters / reel  
 Gross Weight : 6.24 Kg ( 13.76LB)  
 Size of outer box : 52 x 51.5 x 7cm  
 CBM : 0.019 m<sup>3</sup> / box

**Mini Cutting Length & Connection Length**

**• High Voltage (120V / 230V)**

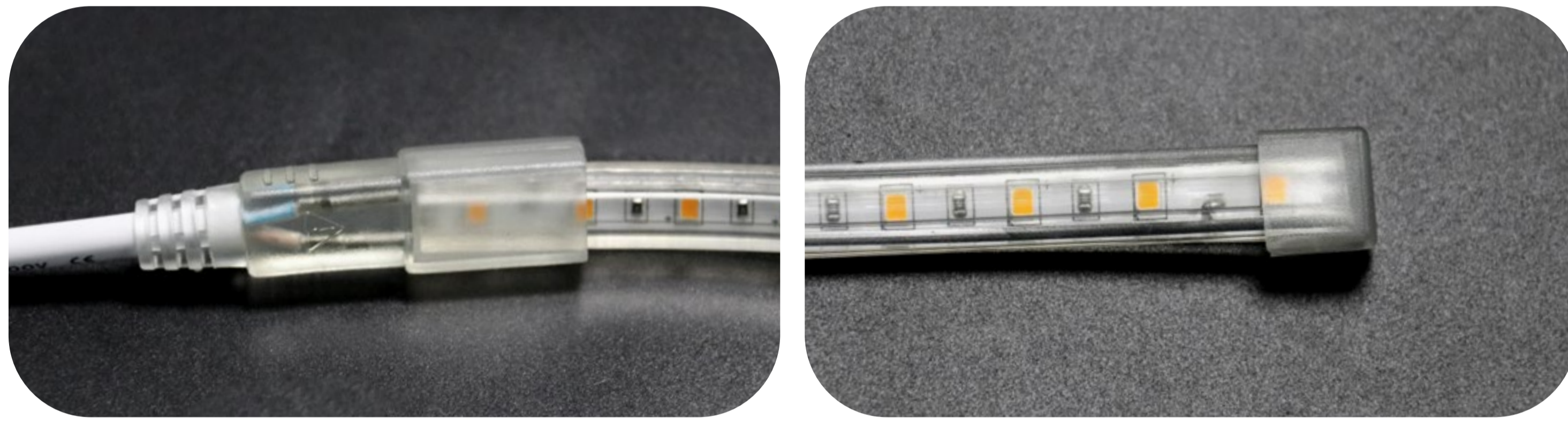


**• Low Voltage (24V)**



**IP65 (DIY Connector)**

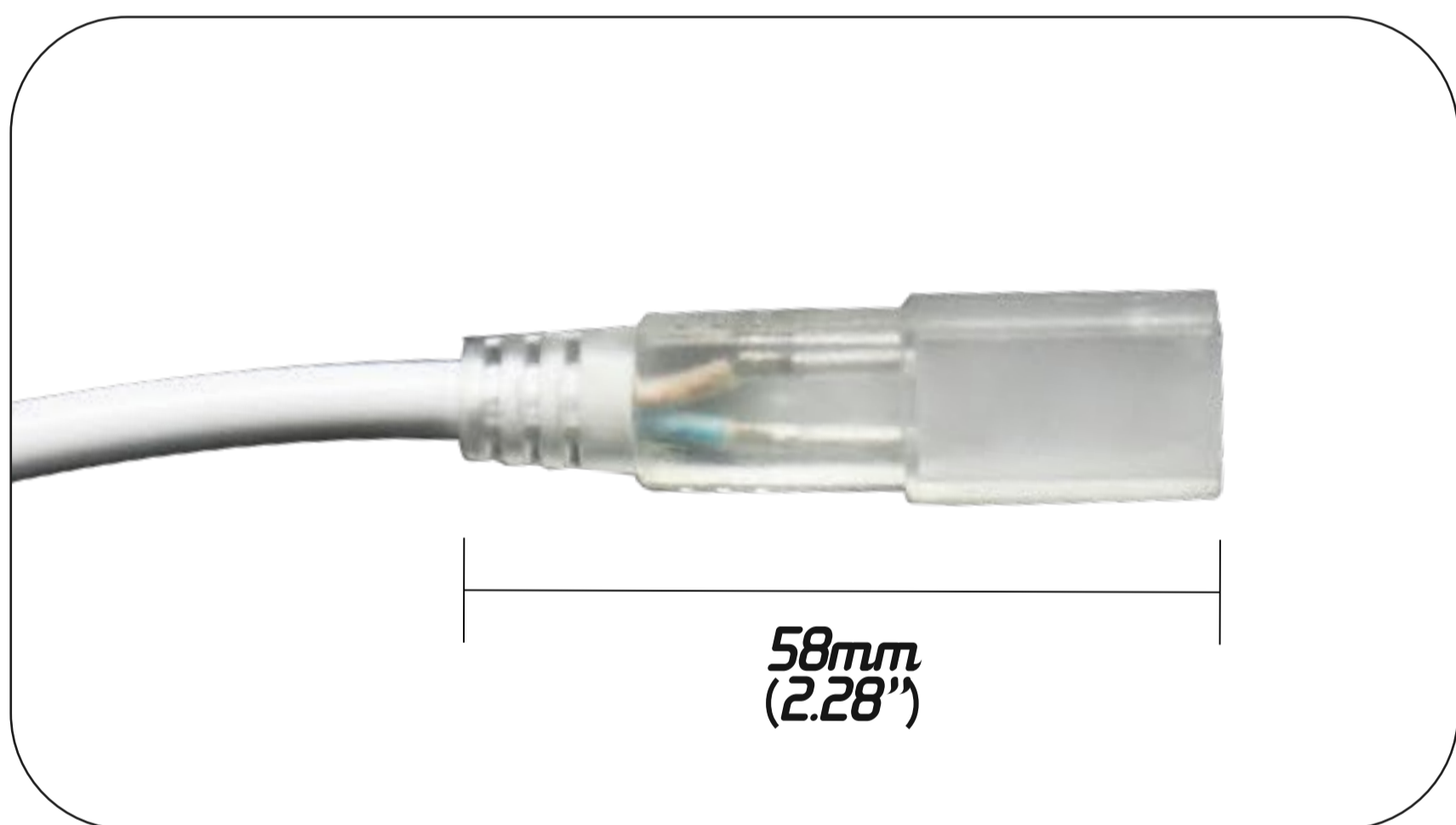
**• Voltage (24V)**



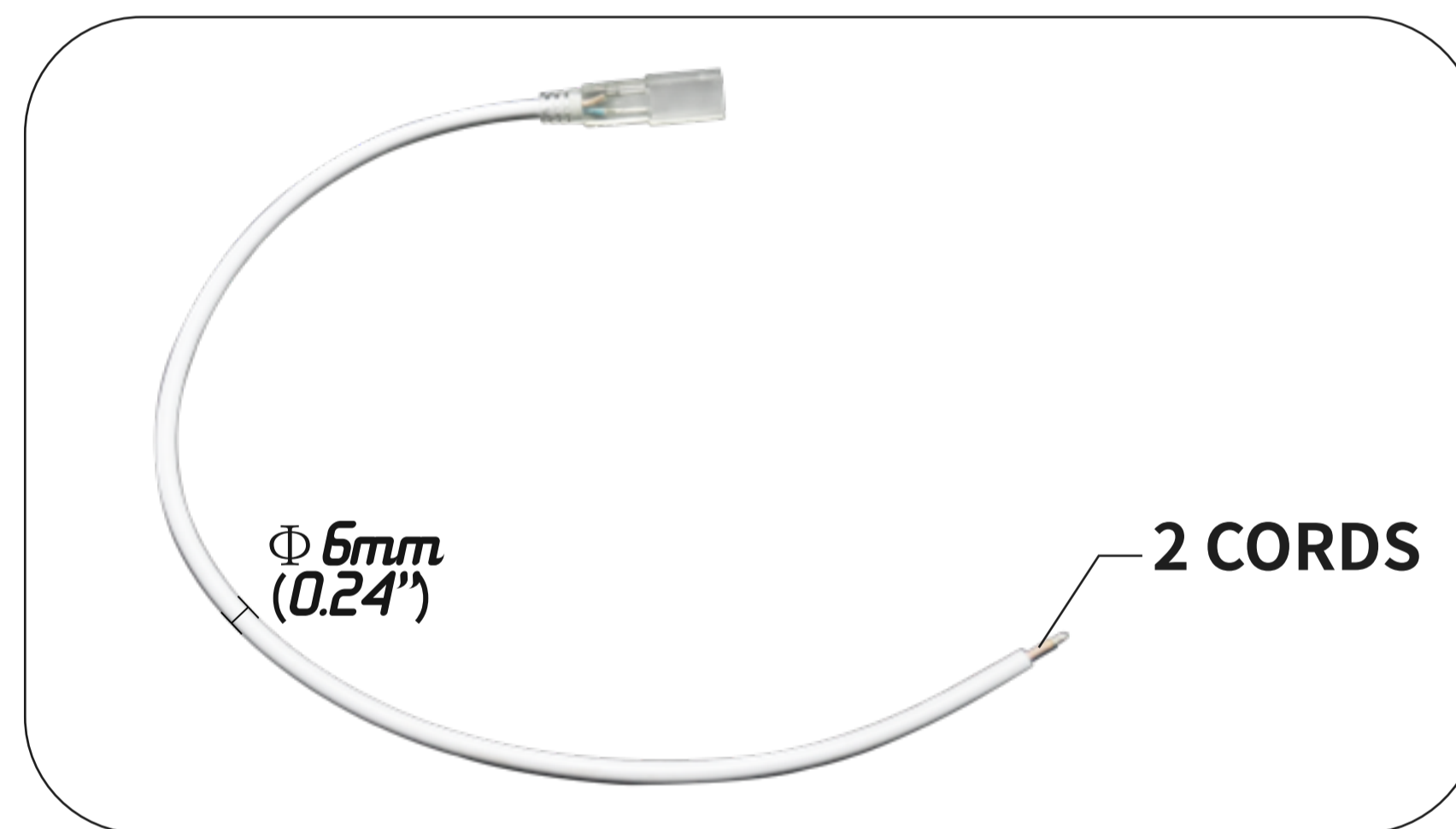
FRONT CONNECTION

END CONNECTION

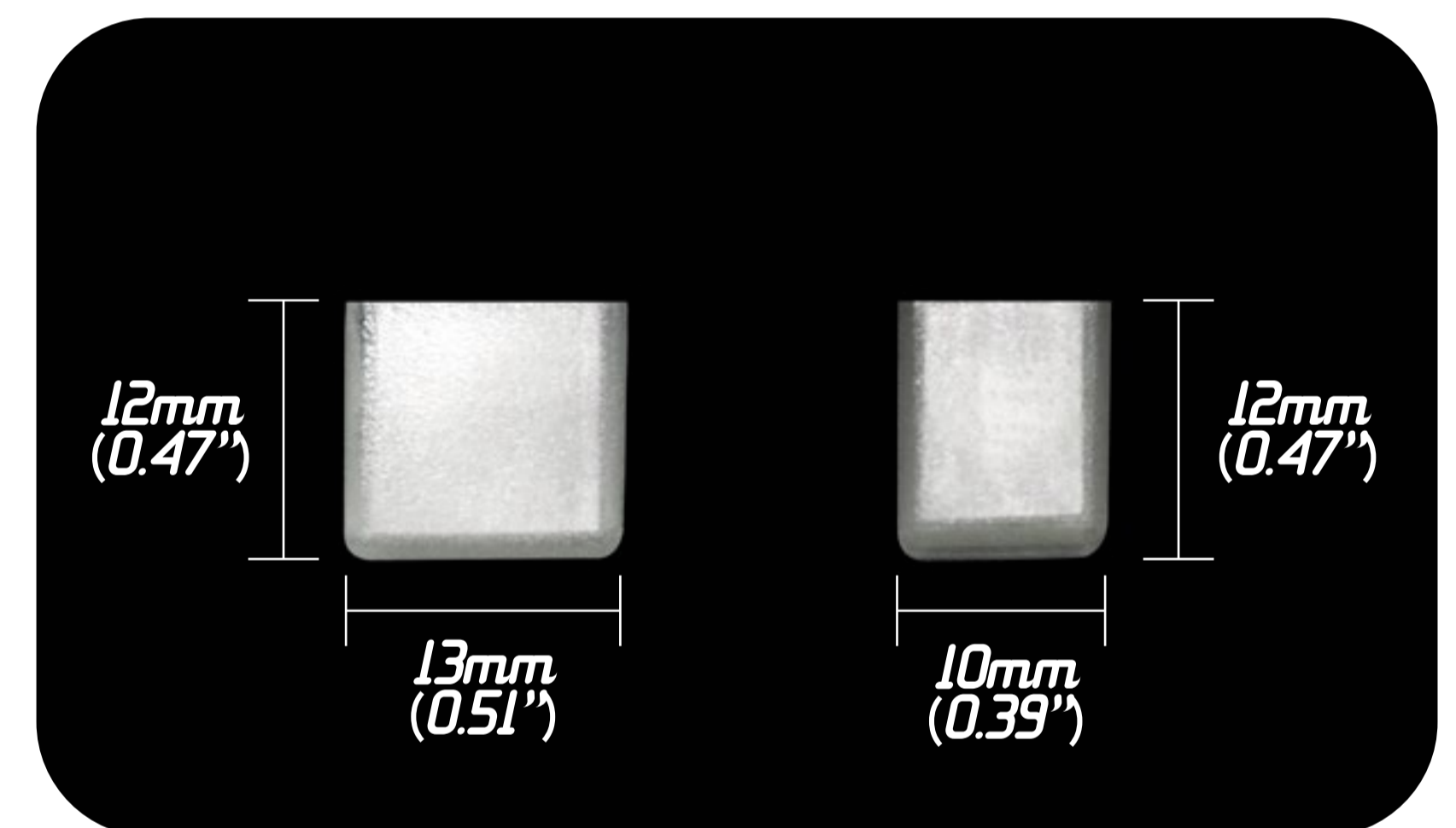
**• Part Details**



FRONT CONNECTION



CABLE LENGTH: 50cm



TAIL FITTING